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No. 49] NEW DELHI, SATURDAY, DECEMBER 7, 1968 (AGRAHAYANA 16, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 7th December 1968

SPECIAL NOTICE

Attention of the public is invited to Ministry of Industrial Development & Company Affairs, (Deptt. of Industrial Development), S.O. 2423 dated 26-6-68 published in the Gazette of India, Part II, Section 3(ii) dated 6-7-68 whereby the notification No. S.R.O. 681 dated 23-3-1955 has been amended by omitting item "(13) The Director, Central Glass & Ceramic Research Institute, Calcutta."

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 21st September, 1968, in page 366. Column 2, under the heading "Application accepted"

for No. 109629

read No. 109627.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th November 1968

118587. H. D. Asar. Improvements in or relating to venetian blinds.

118588. N. V. Philips Gloeilampenfabrieken. Semiconductor device having a semiconductor body of which a surface is at least locally covered with an oxide film and method of manufacturing a planer semiconductor device.

118589. Electric Construction (W'ton) Limited. Voltage stabilization.

118590. Sankyo Company Limited. Benzodiazepine derivatives and process for preparing the same.

118591. Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa. Equipment for the continuous cooling of dry matters.

118592. Ciba Limited. Manufacture of new derivatives of 7-aminocephalosporanic acid.

118593. Hindustan Lever Limited. Soap production.

118594. Dr. Karl Thomae GmbH. Production of novel 1-[5-nitro-thiazolyl-(2)]-mercapto-dihydroimidazoles.

118595. Dr. Karl Thomae GmbH. Production of 1-[5-nitro-thiazolyl-(2)]-2-oxo-tetrahydroimidazoles.

118596. Fisons Pharmaceuticals Limited. Chemical process. (24th November 1967).

118597. Enercon Limited. Process for the treatment of fly ash and product. (6th December 1967).

118598 N. R. Gupta. An improved electrical accessory.

18th November 1968

118599 Sun Oil Company. Hydrogenation of oils.

118600. Bristol-Banyu Research Institute, Ltd. Process for the preparation of antibacterial agents.

118601 E. I. du Pont de Nemours and Company. Pharmaceutical compositions of 4-phenyl-bicyclo [2.2.2]-octane, and oct-2-ene. -1-carboxylates and methods of using same.

118602. E. I. du Pont de Nemours and Company. Pharmaceutically active derivatives of 4-phenyl-bicyclo [2.2.2] octane and oct-2-ene-1-carbinols and carboxaldehydes.

118603. E. I. du Pont de Nemours and Company. Pharmaceutically active 4-phenylbicyclo [2.2.2]-octane and oct-2-ene-1-carboxamides and derivatives thereof.

118604. Combustion Engineering, Inc. Flame scanner head with electrical shutter.

118605. General Electric Company. Unitary full-range current-clearing fusible element.

118606. The Air Preheater Company, Inc. Heater construction.
118607. Sumitomo Chemical Company, Ltd. Novel process for producing 1-alkyl-nitrobenzodiazepine derivatives.
118608. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-insoluble monoazo dyestuffs and process for their preparation.
118609. E. F. Woodson. Obstetrical instrument.
118610. Uniroyal, Inc. Improvements in antioxidants for low unsaturation hydrocarbon polymers.
118611. The British Oxygen Company Limited. Improvements in or relating to refractory regenerative furnaces. (20th November 1967).
118612. Joseph Lucas (Industries) Limited. Window operating systems for road vehicles. (20th November 1967).
118613. Burn & Co., Ltd. Process for the manufacture of high grade chrome-magnesite or magnesite-chrome refractories out of friable or dusty chromites.
118614. M. K. Panveliwalla. Comb or brush suitable for applying liquid directly onto the skin under a hairy growth.
118615. Sandoz Ltd. Improvements in or relating to organic compounds. (20th November 1967).
118616. Institut Francais Du Pétrole, Des Carburants Et Lubrifiants. New polymerization catalysts, their manufacture and use for polymerizing cyclic ethers.
118617. T. Fukuoka. Improvement of sandal.
118618. Norbro Engineering Limited. Rotary Actuators. (25th November 1967).
118619. V. R. Sonti. Improvements in or relating to wood poles employed for supporting conductor wires for rural electrification purposes.
118620. Union Carbide Corporation. Urea silicon product and uses thereof.
118621. The Unjohn Company. New aminoalkyl 2-(4-chloro-2-methylphenoxy) propionates and the acid addition and quaternary ammonium salts thereof, and herbicidal compositions containing the same.
118622. Ciba Limited. Acylamino compounds and process for their manufacture.
118623. Ciba Limited. Process for the manufacture of acylamino compounds.
118624. Sri P. J. Chaugule. A shaving device containing shaving liquid for formation and application of lather.
118625. R. G. Bansal. Mechanical interlock.
19th November 1968
118626. Siemens Aktiengesellschaft. Improvements in or relating to printing devices and the like. (31st July 1968).
118627. E. Merck Aktiengesellschaft. Sulphur-containing pyridine derivatives.
118628. Vyzkumny ustav tvarecich stroju a technologie tvareni. Machine for wedge/like cross-rolling.
118629. Texaco Development Corporation. Recovery of carbon.
118630. R. L. Ranke. Sealing and briquetting finely divided material.
118631. Cummins Engine Company, Inc. Internal combustion engine.
118632. D. Gunasekera. A method of manufacture of dual extruded plastic cane for the recanning of furniture. (19th November 1967).
118633. Shell Internationale Research Maatschappij N. V. Process for the separation of mixtures of organic compounds by adduct formation. (21st November 1967).
118634. Pirelli Società Per Azioni. Device for measuring the flow and indicating the flowing direction of the impregnating fluid in fluid-impregnating electric cables.
118635. Union Carbide Corporation. Method for metallizing a boron nitride containing body.
118636. Scottish Agricultural Industries Limited. Manufacture of ammonium sulphate.
118637. The Birmingham Small Arms Company Limited. Improvement in or relating to sampling devices for bulk materials. (28th November 1967).
118638. Klockner-Humboldt-Deutz Aktiengesellschaft. Process for the continuous dehydration of hydrated oxides of aluminium. (5th September 1968).
118639. J. R. Geigy A. G. Process for the preparation of phosphoryl compounds. [Divisional date 29th January 1968].
118640. Radio Foundation Engineering Ltd., and Hazarat & Co. Micro piles.
118641. Bhawani Engineering Works. Automatically recording speedometer of winding engines working in mines.
118642. Ciba Limited. Pigment preparations.
118643. Ciba Limited. New monoazo pigments and processes for their manufacture.
118644. Ciba Limited. Curable mixtures of epoxy resins, dicyandiamide, and amine accelerators.
118645. Ciba Limited. Curable mixtures of epoxy resins, polycarboxylic acid anhydrides, and amine accelerators.
118646. Merck & Co., Inc. Method of preparing substituted salicylanilides.
118647. Merck & Co., Inc. Halogenation of salicylanilides.
118648. Glanzstoff A. G. Process for the manufacture of artificial leather. (18th September 1968).
118649. Veb Starkstrom-Anlagenbau Erfurt. Three-phase current conveying machine with speed control. (15th May 1968).
118650. N. V. Philips Gloeilampenfabrieken. Electric incandescent lamp having one or more conductors surrounded in the lamp cap by a tubular insulating body.
118651. N. V. Philips Gloeilampenfabrieken. Semiconductor device.
118652. S. S. Pandya. Consumption indicators for liquid gas cylinder based on hydraulic system.
118653. S. S. Pandya. Consumption indicators for liquid gas cylinder based on counter weight system.
118654. S. S. Pandya. Consumption indicators for liquid gas cylinder based on spring system.
20th November 1968
118655. Dr. K. M. Singh. Dr. Kapil gravitational motor.
118656. Luz Electricals Private Ltd. Electro magnetic swing control system.
118657. R. H. Mcmann, Jr. Film recording method and apparatus.
118658. Krasnodarsky ordena Trudovogo Krasnogo Znameni zavod Elektroizmeritelnykh Proborov. Ferrodynamic meter movement.
118659. U. G. Shamsudinov, V. P. Abramov, V. V. Belynsky, A. T. Afaunov and G. P. Rozhkov. A method of dry removal of filtration residue in leaf vertical filter and a leaf vertical filter with dry removal of filtration residue.
118660. J. R. Geigy A. G. Tablet.
118661. Centre De Recherches Marcel Midy. Process for preparation of novel heterocyclic compounds. (21st November 1967).
118662. Indian Oxygen Limited. Cutting torches (21st November 1967).

- 118663 Joseph Lucas (Industries) Limited. Battery plate grids. (27th November 1967).
- 118664 Farbenfabriken Bayer Aktiengesellschaft. 3-Imino-1, 2-benzisothiazolines and production thereof.
118665. Quenot & Cie S. a. r. l. Measuring instrument with dynamometric handle.
118666. The Cementation Company Limited and Amitava Ghosh Dasgupta. Consolidation of soil by novel drainage wicks. [Addition to No. 114874].
118667. Ciba Limited. Halothane-1, 1-dioxides, process for their manufacture and compositions containing them.
118668. Veb Filmtabrik Wolten. Multi-layer colour photography material containing silver halide, for reproduction purposes. (25th March 1968).
118669. Institut Français Du Pétrole, Des Carburants Et Lubrifiants. Devices for emitting acoustic waves in a liquid medium.
118670. O. S. Elliott, Jr. Carding machine plate.
118671. Ciba Limited. Process for the manufacture of cycloaliphatic halides.
118672. Ciba Limited. Arylthio-1, 1-dioxides, process for their manufacture and compositions containing them.
118673. N. V. Philips Gloeilampenfabrieken. Improved pesticide compositions.
118674. Council of Scientific and Industrial Research. Admixture for cement concrete for improvement of compressive strength and workability resulting in saving of cement.

21st November 1968

118675. Dipl. Ing. N. G. Mavalankar. Improvements in or relating to ducting for pneumatic cleaning on textile carding engine.
118676. Diatex G.m.b.H. Sealing strip having a U-shaped section.
118677. I. J. Du Pont De Nemours and Company. A herbicidal composition comprising 3-(cycloalkylmethyl and cycloalkenylmethyl)-5-phenyltetrahydro-4H-1, 3, 5-oxadiazin-4-ones. [Divisional date 27th June 1967]
118678. Godrej Soaps Private Limited, Shri Manmohan Shankar Thakur and Dr. B. P. Godrej. A process for removal of offensive odoriferous sulphur compounds from neem oil (*i.e.* azadirachta indica), to make it suitable for use in commercial soaps.
118679. Merck & Co., Inc. Anti-inflammatory method.
118680. Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel En Verkeer. A method and a mixture for the preparation of an iron melt with a low sulphur content.
118681. Ciba Limited. Process for the manufacture of 18-methylenosteroids.
118682. N. V. Philips Gloeilampenfabrieken. Semiconductor device.
118683. Rhone-Poulenc S. A. Process for the preparation of phenothiazine derivatives and pharmaceutical compositions containing them.
118684. Desma-werke GMBH. Method for the injection-moulding of soles of injection-mouldable material.
118685. Universal Oil Products Company. Method for producing detergent-grade alkylate.
118686. Meftina S. A. Thread take-up lever arrangement for a sewing machine.
118687. Boehringer Ingelheim GmbH. 1-phenyl-4-alkyl-3H-1, 4-benzodiazepine-2, 5-[1H, 4H]-diones and processes for the production thereof.
118688. Atomic Energy of Canada Limited. Method and apparatus for filament thickness gauging.
118689. The Goodyear Tire & Rubber Company. Improvements in process for polymerization of unsaturated alicyclic compounds and catalyst therefor. [Divisional date 2nd March 1967].
118690. Excalibur Surface Coatings Limited. Method of laminating structural sheets. [Divisional date 3rd April 1967].
118691. Excalibur Surface Coatings Limited Laminated insulating structural sheet. [Divisional date 3rd April 1967].
118692. Excalibur Surface Coating Limited. Method of making light-weight building material [Divisional date 3rd April 1967].
118693. Excalibur Surface Coating Limited. A curing agent for silicates [Divisional date 3rd April 1968].
118694. Ralston Purina Company Soybean treatment.
22nd November 1968
118695. G. M. Cupit. Sealing member for cladding sheets. (23rd November 1967).
118696. Electric Power Storage Limited. Improvements relating to electro-chemical cells. (22nd November 1967).
118697. Svenska Aktiebolaget Bromsregulator. Vehicle pneumatic brake apparatus. (23rd November 1967).
118698. The Dunlop Company Limited. Method and apparatus for curing elongated articles. (25th November 1967). [Addition to No. 107870].
118699. Canron Limited-Canron Limitee. Hydraulic rock drill.
118700. Farbenfabriken Bayer Aktiengesellschaft. Phthalimide azo dyestuffs.
118701. Vdo Fechometer Werke Adolf Schindling GMBH. Device for holding a cover glass to the housings of measuring instruments.
118702. Ciba Limited. Carbamates for combating soil insects and termites.
118703. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of a palladium catalyst.
118704. Badische Anilin- & Soda Fabrik Aktiengesellschaft. Triazine derivatives.
118705. Algemene Kunstzijde Unie N. V. A process for the manufacture of bituminous layers and plates reinforced with synthetic threads, as well as the products obtained by this process.
118706. R. Ragbir. Improvements in or relating to sugarcane milling machines.
118707. D. C. Bigg, V. N. Ponshe and C. Radhakrishnan. A process for the production of "Cellulose coated cloth".

Alteration of Date

111746. The claim to priority date 24th August 1966 has been disallowed and the application dated as of 31st July 1967, the date of filing in India.
117007. Ante-dated to 21st February 1967 under Section 5 of the Act.
117064. Ante-dated to 13th February 1967 under Section 5 of the Act.
117065. Ante-dated to 13th February 1967 under Section 5 of the Act.
117066. Ante-dated to 13th February 1967 under Section 5 of the Act.
117067. Ante-dated to 13th February 1967 under Section 5 of the Act.
117245. Ante-dated to 13th February 1967 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the

date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

95416. Council of Scientific and Industrial Research. Improvements in or relating to the treatment of tamarind pulp for the extraction of useful components. Accepted on 10th August 1966.

By extracting the pulp with ethyl alcohol, separating the pecting rich solid from the alcohol extract and evaporating the alcohol extract under reduced pressure to obtain a concentrated extract.

105764. National Dairy Research Institute. A refrigeration process particularly for milk chilling. Accepted on 19th November 1968.

The refrigerant causes a fall in pressure of liquid refrigerant which boils and takes up latent heat of evaporation from milk.

108414. Council of Scientific and Industrial Research. A process for treatment of costus roots (*Saussurea lappa*) or inulin isolated therefrom for the production of fructose. Accepted on 21st November 1968.

By complete hydrolysis with aqueous solution of mineral acids at 70-100 °C followed by removal of acids by precipitation and concentration of the resulting fructose solution to obtain fructose syrup of required strength by a vacuum rotary evaporator followed by crystallisation to obtain fructose.

109237 The Director, Power Research Institute. Location of low-impedance faults in unarmoured or non-magnetically sheathed cables at exposed locations. Accepted on 8th November 1968.

Comprises a sensing coil, a transistor of first stage amplifier a second stage amplifier, and a third transistor connected to indicator.

109262. B. Bysakh. Improvement in or relating to tooth-picks. Accepted on 11th November 1968.

Having substantially straight randle-stem and small lengths of substantially straight or slightly curved pick-ports aligned or bent with reference to axis of the said stem between 15° and 165°.

109282. H. Singh. An unproved illuminated display sign. Accepted on 13th November 1968.

Plurality of flexible PVC cloth sheets secured in a frame against a source of illumination, the brilliancy of the source being varied by regulating means, the sheets being held flat on said frame by tension means.

109305. Leeson Corporation. Improved method of spinning yarn and spinning machine therefor. Accepted on 13th November 1968.

Characterised by the step of rotating the free end of yarn insert twist while transporting said end downstream for joining to a take-up bobbin.

109337 American Cyanamid Company. Electro-optical devices. Accepted on 16th November 1968.

Characterized by a layer of electrochromic material consisting of transition metal compound having two stable states in which the optical properties widely differ effective at room temperature and being disposed between a pair of conductive electrodes.

109375. The Babcock & Wilcox Company. Cold working a stainless steel workpiece. Accepted on 27th July 1968.

Wherein the workpiece is provided with at least one lubricating layer consisting of a zinc soap of a fatty acid which soap is insoluble in water and formed by reacting an undercoating consisting of a soluble zinc on the surface of the workpiece with an overcoating solution of a fatty acid.

109389. L. R. Kahn. An acoustical energy modifying system and a binaural hearing protection system incorporating such energy modifying system. Accepted on 20th November 1968.

Comprising ear shielding means isolating the ears from all acoustical energy, means converting acoustical to electrical signals and means for converting electrical signals to acoustical signal.

109406. E. B. Isserlin and J. A. Bystrov. Non-contact current-sensing device. Accepted on 20th November 1968.

Comprises the electrodes being placed into an evacuated vessel, encloses the conductor carrying the current.

109412. Vsesojuzny nauchno-issledovatel'sky institut elektrottermicheskogo oborudovaniya. A method of melting steel and an electric furnace for effecting same. Accepted on 20th November 1968.

Basic slag is made in the zone of neutral lining of the furnace.

109413. E. J. du Pont de Nemours and Company. Novel crotonamides compounds and process for preparing the same. Accepted on 19th November 1968.

Reacting phenyl urea with an α -substituted acetate.

109463. Pyrotecor, Incorporated. Improvements in or relating to a circuit control system and a particle detector incorporating the same. Accepted on 21st November 1968.

Comprising a switching device and electrically operated control means, a pair of circuit paths to energize said control means, each circuit path comprising a diode and a switch in series a said diodes being poled in opposite directions.

109532. Deere & Company. Cotton harvester. Accepted on 20th November 1968.

Comprises an outboard casing with front and rear compartments separated by an upright panel a material container, a blower, and conduit means

109542. The Monotype Corporation Limited. Improvements in or relating to motor control apparatus. (10th March 1966). Accepted on 19th November 1968.

Comprising an output member, current carrying systems, means for connecting supply means for varying magnitude of current.

109544. Siemens Aktiengesellschaft. Improvements in or relating to electric pulse-controlled shift registers and frequency filters. (13th December 1966). Accepted on 20th November 1968.

Includes two line wires connected to the input terminal of the shift register and bridged by a plurality of shunt capacitors, including one or more switches connected between two or more coatings of said shunt capacitors.

109780. Atkins, Hatch & Associates, Ltd. Recovery of elemental sulphur from sulphide ores. (30th March 1966). Accepted on 20th November 1968.

Characterized by the fact that there is fed to the first zone a hydrocarbon fuel preferably directly into the body of the ore undergoing treatment, and the hot SO₂ containing gases generated in subsequent roasting zone is reduced to elemental sulphur.

109854. Ford Motor Company of Canada, Limited. Method and apparatus for the manufacture of glass by the float process. Accepted on 15th November 1968.

Comprising forming a continuous ribbon of heat softened glass on a molten metal bath, applying fluid jets directed laterally outwardly against opposite lateral margins of the ribbon, progressing the ribbon along the bath and removing the ribbon from the bath at a uniform rate.

110072. Wood Conversion Company. Improved method of producing mineral fiber-board and the fiber-board product. Accepted on 21st November 1968.

Characterized in that colloidal asbestos is used in the slurry to improve the strength of the final product.

110073. Wood Conversion Company. Improvements in and relating to acoustic panels and a method of forming the same. Accepted on 20th November 1968.

Characterised in that the fired panel retains the skeletal fibrous network by having been fired at a temperature below that required to cause the fibers to lose their fibrous character.

110586. General Aniline & Film Corporation. Slide magazine. Accepted on 11th November 1968.

Having slide receiving spaces the space being open at top to permit loading and ejection of slides and at bottom to release and return of slides and means to hold the slides releasably in the space.

110623. C. B. Garware. Improvements in or relating to sleeveings, tubes or pipes. Accepted on 12th November 1968.

Comprising hopper, extruder, die tube, water reservoir, former hot water trough.

110656. C. L. Burdick. Intra-uterine contraceptive device. Accepted on 15th November 1968.

Being in the shape of three continuous freely movable adjacently positioned loops, interconnected such that the two terminating portions of each loop continue smoothly into the terminating portions of the adjacent loops.

110680. J. R. Geigy A. G. Process for the production of difficultly water soluble anthraquinone dyestuff mixtures suitable for dyeing of organic hydrophobic material. Accepted on 16th November 1968.

Oxidising 1-amino-4-hydroxy-anthraquinone, and reacting quinone imine formed with Ph-S-R and splitting off either phenyl or R radical, R being alkyl radical with 1-8 carbon atoms.

110718. Ceskoslovenska akademie Ved. Method for preparing soluble glycol methacrylate polymers and copolymers. Accepted on 19th November 1968.

Characterised by that monomethacrylates or acrylates or ethylene glycol or polyethylene glycols are copolymerised.

110797. J. R. Geigy A. G. Production of quinophthalone pigments, process of colouring organic materials therewith and materials so coloured. (25th May 1966). Accepted on 19th November 1968.

Comprises condensing tetrachlorophthalin anhydride with quinaldine compounds.

111127. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a carrier for miniaturized electric circuits and a miniaturized electric circuit on such a carrier. Accepted on 21st November 1968.

Comprising, one or more miniaturized circuit elements a larger carrier, called primary carrier is provided with a layer of conductive material in the form of the supply conductors, the part of the primary carrier to which the less adhering part of the supply conductors has been applied is removed so that these less adhering parts disengage from the carrier.

111147. L. Cagniard. Equipment for submarine magnetotelluric surveying. Accepted on 19th November 1968.

Comprising surface recording station, telluric electrodes, bottom, telluric line magnetometer recording means.

111402. Amphenol Corporation. Contact retention device for an electrical connector. Accepted on 18th November 1968.

Having a passage to accept contact resilient dielectric body having an extension thereof with a passage therethrough, a hard dielectric body having a passage therethrough sized to accept the extension of said resilient dielectric body and means for bringing the extension in coaxial engagement.

111621. Texas Gulf Sulphur Company. Process and apparatus for reducing sulphur dioxide to elemental sulphur. Accepted on 15th November 1968.

Comprises (1) heating sulphur dioxide gases in continuous counter-current heat exchange relationship with hot reactor gases, (2) admixing heated sulphur dioxide with hydrocarbon reducing agent, (3) passing the admixture through a catalyst and (4) employing the heat of the reaction to continuously heat sulphur dioxide gases in counter current heat exchange relationship.

111709. Nauchno-Issledovatel'skiy institut tekhnologii traktorovogo i sel'skokhoziaistvennogo mashinostroeniya. Discrete automatic control system of feed in electro-erosion grinding machine. Accepted on 19th November 1968.

Comprising measuring device, power supply source, variable resistors, control device, electric valves.

111713. Joseph Lucas (Industries) Limited. Combined seal and washer. (19th August 1966). Accepted on 19th November 1968.

An annular resilient sealing member and a substantially similar shaped annular washer in factual contact therewith, washer being bonded to the sealing member in such a way that the combined seal and washer can be threaded over a cylindrical shaft of greater diameter than the central hole in the sealing member in washer.

111734. Farbenfabriken Bayer Aktiengesellschaft. Production of alkyl-mercaptoanilides and herbicidal compositions containing same. Accepted on 16th November 1968.

By the reaction of an aryl amine with an acid halide in presence of a solvent and an acid binding agent, followed by Beckmann rearrangement.

111746. Rexall Drug and Chemical Company. Paddle-type polymerization reactor. Accepted on 18th November 1968.

Including a cylindrical shell having a substantially horizontal axis and provided with closed end portions, a driven shaft coaxially rotatably mounted in said shell, a plurality of paddle blades, etc.

111769. Westinghouse Electric Corporation. Improved tension control system for a direct current reel drive motor. Accepted on 20th November 1968.

Comprising reel drive motor, field control, armature control, current controller and means for operating it.

112124. F. D. Dodds. Textile backing material for pile fabrics. Accepted on 16th November 1968.

Wherein the warp and weft yarn at intervals is a reinforced tape yarn of aluminium foil laminated to a plurality of polyester film by means of a polyester adhesive, combined with a jute yarn.

112143. C. A. V. Limited. Non return valves. (8th September 1966). Accepted on 19th November 1968.

An improved non return valve to be used in a liquid fuel pumping apparatus for supplying fuel in internal combustion engines.

- 112490 Mrs. Viloo Minoo Dittia. A locking device for automobiles. Accepted on 20th November 1968.

Comprising first bar, a loop, lever, locking holes, loop, holes, means.

112592. Idemitsu Kosan Co., Ltd. Process for producing polyolefins. Accepted on 20th November 1968.

Characterises in using a catalyst obtained from a halide of Ti, V, or Zr and an organo titanium compound and includes a process for preparation of the said organo titanium compounds.

112886. Alfred Teves GMBH. Improvements in or relating to master cylinders. Accepted on 19th November 1968.

A master cylinder for the hydraulic brake system of motor vehicles, wherein the cylinder wall is formed with a recess having gently rising edges which, when the piston is in the released position on the one hand extends into the cylinder chamber to in front of the cup, and on the other hand merges into the vacuum-destroying bore discharging in the cylinder behind the cup.

- 112887 Alfred Teves GMBH. Improvements in or relating to hydrodynamic brakes. Accepted on 19th November 1968.

A hydrodynamic brake for motor vehicles having a drive shaft constructed in the form of a cardan shaft.

- 112888 Alfred Teves GMBH. Improvements in or relating to fluid control valves. Accepted on 19th November 1968.

A change over valve in which a load must be connected alternately to excess air pressure and vacuum without the use of outside auxiliary means or control member.

112889. Alfred Teves GMBH. Improvements in or relating to brake cylinders. Accepted on 19th November 1968.

An actuating cylinder for pressure-medium-operated brakes, particularly for motor vehicles having a slack adjuster.

113202. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (23rd November 1966). Accepted on 19th November 1968.

An industrial self propelled wheeled lift truck in which the arrangement being such that the truck may be used to transport a flat load carried on the upper part of the lift platform and projecting therefrom and the truck may be driven to rotate about the vertical axis of the lift platform with a projecting stationary load supported on the upper part of the platform.

113475. Philips Petroleum Company. Improved process for producing carbon black. Accepted on 19th November 1968.

Comprising introducing a plurality of streams of hot combustion gases into a cylindrical first zone, introducing a hydrocarbon feedstock along the longitudinal axis, producing at least one of the streams of hot combustion gases by burning a combustible mixture of a hydrocarbon fuel and an oxidant and producing at least one other of streams of hot combustion gases, recovering carbon black product.

113544. Kaiser Aluminum & Chemical Corporation Apparatus for a die tool pack assembly. Accepted on 19th November 1968.

An improved die tool pack assembly wherein the various die elements are at least partially open to visual inspection, are readily accessible for servicing and lubrication and wherein means are provided for aligning and holding individual die elements of the assembly in alignment with each other and with a co-operating forming ram during use of the assembly.

113549. Experimentalny Nauchno-Issledovatel'sky Institut Metallovezhushchikh Stankov. Elastic vibration-proof support. Accepted on 19th November 1968.

An elastic vibration-proof support in which a shock-absorbing member made of an elastic material and placed in between the base and the cover is provided with at least one groove made in the bulk thereof and is separated from the side wall of the cover with a gap, said groove and said gap are at least partially closed when the support is extended upon with a compression load.

113786. Lansing Bagnall Limited. Improvements in or relating to vehicle differential steering mechanisms. (4th January 1967). Accepted on 19th November 1968.

A vehicle with two steerable ground wheels rotatable by gearing connected by universal joints to one end of a propeller shaft extending upwardly and connected by universal joint at that end to further gearing rotatable by means of hand wheel connected together by a differential mechanism.

114107. Director, Indian Institute of Technology, Bombay. Prabhat Charan Mukherjee and A. A. Khambete. Production of porous castings. Accepted on 20th November 1968.

Porous castings are made by filling the mould completely or partially with solid soluble salt or salts which allow liquid metal and alloy when poured to pass through and fill up the mould.

114431. Vereinigte Österreichische Eisen-Und Stahlwerke Aktiengesellschaft. Device for centering a metal bar entering the gap between two adjustable sizing rolls. Accepted on 20th November 1968.

Characterised in that at least two centering shoes are provided on roll gap level on opposite sides of the bar, which center the bar in the direction of the roll axes at least one shoe being adjustable.

114507. Telehoist Limited. Improvements in or relating to load carrying vehicles. (16th February 1967). Accepted on 13th November 1968.

A demountable load container system for a lorry comprises a frame for carrying a container, the frame being pivoted about a horizontal transverse axis at the rear end of the lorry, at least one double acting hydraulic ram mounted on the lorry engaging the front end of said frame for tilting the frame about its pivot axis and a hydraulically driven cable system for hauling a container onto said frame over the rear end thereof.

114516. Jyoti Limited. Centrifugal pumps. Accepted on 19th November 1968.

Characterised in that an additional shroud with vanes is provided adjacent to the back shroud and on the opposite side of the impeller vanes.

115573. Indian Oxygen Limited. Guide means for photo electrically controlled profile following machines. (24th April 1967). Accepted on 19th November 1968.

Comprising a radius bar adapted for rotation about a fixed axis, and a guide element mounted on the radius bar to be in the optical path of a photo electric follower.

115873. Joseph Lucas (Industries) Limited. Contact breaker assemblies. (12th June 1967). Accepted on 19th November 1968.

Including a contact plate having holes and a fixed contact, a heel member supported on a sleeve which extends coaxial with the hole and having a movable contact, a leaf spring urging the contacts into engagement the arrangement in such that a first post from a timing plate extends into the hole to render the assembly pivotable with respect to the timing plate.

117007. E. I. du Pont de Nemours and Company. Novel herbicidal compositions containing crotonamides [Divisional date 21st February 1967]. Accepted on 19th November 1968.

Containing a crotonamide and a carrier.

117064. Leeson Corporation. Apparatus for threading a ring traveller. [Divisional date 13th February 1967]. Accepted on 13th November 1968.

Characterised by means for positioning strand adjacent a ring and means for propelling the traveller around that portion of ring adjacent said strand.

117065. Leeson Corporation. Apparatus for automatically joining the end of material issuing from the drafting system of a spinning machine. [Divisional date 13th February 1967]. Accepted on 13th November 1968.

Comprises joining means, material moving means, carrier means and outer end threading means.

117066. Leeson Corporation. Yarn bobbin. [Divisional date 13th February 1967]. Accepted on 13th November 1968.

Comprises cylindrical shank portion and an enlarged base portion having a notch disposed tangentially to bobbin axis.

117067. Leeson Corporation. Apparatus for collecting roving end and twisting the same into yarn. [Divisional date 13th February 1967]. Accepted on 13th November 1968.

Comprises a nozzle having a bore to receive roving, aperture means opening into said bore and pressurised fluid introducing means.

117245. Leeson Corporation. Apparatus for randomly doffing bobbins from a textile machine. [Divisional date 13th February 1967]. Accepted on 13th November 1968.

Includes holding means operable to remove a bobbin from support means independently to halt rotation of the removed bobbin while traverse means continues to operate.

Opposition Proceedings

(1)

The opposition entered by Shimada Glass & Flask Factory (Private) Limited to the grant of a patent on application No. 68820 made by Alimahomed Chhaganbhai Padamsee and advertised in the Gazette of India, Part III Section 2 dated the 5th August, 1961 was allowed with costs.

(2)

The opposition entered by J. P. Sanghrajka to the grant of a patent on application No. 71401 made by Sanghvi Non-Ferrous Metal Industries and advertised in the Gazette of India, Part III, Section 2 dated the 24th February, 1962 was partly allowed and the sealing of a patent on the said application has been ordered subject to the condition that the specification is amended and that the parent patent is restored.

(3)

An opposition has been entered by Marien Construction and Design Company to the grant of a patent on Application No. 107029, made by Frank Mohn.

(4)

Notice is hereby given that an opposition has been entered by Bata Shoe Company Private Limited to the grant of a Patent on application No 107243 made by Prabhakar Mangesh Phene.

Patents Sealed

10717/. 108394, 108536, 108586, 108612, 108633, 108648, 108905, 108953, 109218, 109273, 109386, 109600, 109773, 110238, 110536, 110736, 111685, 112188, 112788

Amendment Proceedings

The amendment proposed by Alfa-Laval AB in respect of patent application No. 106491 as advertised in the Gazette of India, Part III, Section 2 dated the 4th May 1968 has been treated as withdrawn.

Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

89864—M/s. A. O. Smith Corporation.

91822—M/s. A. O. Smith Corporation.

Renewal Fees Paid

50862, 51090, 51420, 51922, 51956, 53247, 53286, 53351, 53354, 53438, 53543, 53566, 53576, 53582, 53680, 53794, 55116, 55435, 55800, 55939, 56015, 56043, 56056, 56098, 56225, 56226, 56227, 56305, 56458, 56510, 56574, 56828, 58556, 58650, 58826, 59157, 59182, 59253, 59493, 59571, 59625, 59752, 59803, 60248, 60331, 60845, 61018, 61697, 62237, 62506, 62622, 62642, 62743, 62767, 62775, 62814, 62899, 62900, 62917, 63066, 63067, 63085, 63160, 63324, 63554, 65890, 65891, 65982, 66005, 66018, 66033, 66144, 66174, 66183, 66188, 66213, 66362, 66408, 66428, 66546, 66566, 66679, 66740, 66741, 67032, 67416, 67857, 69020, 69028, 69305, 69739, 69837, 69912, 70033, 70075, 70107, 70201, 70249, 70313, 70349, 70363, 70501, 70517, 70837, 74069, 74070, 74314, 74377, 74378, 74395, 74396, 74400, 74491, 74532, 74600, 74608, 74654, 74655, 74662, 74788, 74801, 74886, 74921, 74924, 74944, 74989, 75016, 75048, 75078, 75079, 75080, 75094, 75373, 78469, 79050, 79313, 79399, 79463, 79554, 79611, 79650, 79776, 79783, 79784, 79978, 79988, 79921, 80160, 80171, 80249, 80295, 80387, 80392, 80453, 80472, 80489, 80810, 80986, 81147, 81154, 82348, 82881, 84976, 85041, 85063, 85213, 85284, 85323, 85337, 85415, 85478, 85500, 85501, 85510, 85532, 85609, 85628, 85632, 85724, 85725, 85726, 85736, 85766, 85792, 85836, 85856, 85871, 85920, 85925, 85978, 85983, 85993, 86085, 86101, 86139, 86215, 86329, 86590, 87394, 87673, 87791, 88953, 90600, 90785, 90831, 90961, 91005, 91024, 91052, 91098, 91105, 91116, 91117, 91125, 91163, 91183, 91250, 91251, 91253, 91269, 91331, 91373, 91382, 91431, 91494, 91502, 91503, 91520, 91587, 91604, 91605, 91647, 91652, 91792, 91836, 91847, 91852, 91909, 91913, 91922, 91925, 91926, 91996, 92003, 92046, 92094, 92095, 92099, 92491, 92492, 92565, 92556, 96164, 96369, 96440, 96462, 96654, 96661, 96732, 96750, 96786, 96803, 96805, 96821, 96857, 96889, 96923, 96937, 96943, 96963, 97008, 97100, 97102, 97116, 97148, 97152, 97202, 97205, 97218, 97223, 97229, 91234, 97267, 97297, 97330, 97371, 97385, 97396, 97400, 97407, 97464, 97469, 97493, 97503, 97521, 97544, 97571, 97630, 97782, 97817, 98491, 98938, 99170, 100001, 101799, 102862, 102943, 102971, 103525, 103770.

Cessation of Patents

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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 72745—The Grabel Company.

The patent ceased on the 26th July, 1965, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of

the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta 17, on or before the 18th January, 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 76816—Dwarkanadas Purushotum Asar.

The patent ceased on the 22nd May, 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 19th October 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th January, 1969.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 78038—Eknath Yeshwant Ranade.

The patent ceased on the 14th August, 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 17th August, 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th January, 1969.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 79352—Inventa A. G. Fur Forschung Und Patenverwertung.

The patent ceased on the 16th November, 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 7th November, 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 18th January, 1969.

(5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 84466—Kshilish Ranjan Chakravorty and others.

The patent ceased on the 4th October, 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 14th September, 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road Calcutta-17, on or before the 18th January, 1969.

(6)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 86501—Umeshchandra Sharadchandra Pandey.

The patent ceased on the 15th February, 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th February, 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 19th October, 1968.

(7)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 92329—Societe Fives Lille-Cail.

The patent ceased on the 19th February, 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 23rd November 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road Calcutta-17, on or before the 18th January, 1969.

(8)

An order has been made on the 14th August, 1968, restoring the patent No. 59775 dated as of the 1st March, 1956 granted to John Pollard Dennis and Harry Pollard Dennis for "improved busbar distribution system".

(9)

An order has been made on the 2nd September, 1968, restoring the patent No. 75184 dated as of the 3rd February, 1961 granted to Babubhai Jayantilal Shah for "an improved device for a hydraulic brake or compressed air brake system".

(10)

An order has been made on the 13th November, 1968, restoring the patent No. 90111 dated as of the 1st October, 1963 granted to Rajinder Kumar Raikhy for "an agricultural implement".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3. Nos. 133781 to 133785. Suresh Ratilal Nanavati, Indian national, Nanavati Mahalaya, Bruce Street, Fort, Bombay, State of Maharashtra, India, "Laminated sheets of plastic materials", May 13, 1968.

Class 3. Nos. 134198 to 134202. Bharat Swiss Footwear Company Private Limited being an Indian Company incorporated under the Companies Act (I of 1956) having its registered office at 41 New Marine Lines, Merchant Chamber, Second Floor, Bombay-1, State of Maharashtra, India, "sole of a footwear", July 11, 1968.

Class 10. Nos. 134205, 134208 to 134210, 134212, 134216 and 134217. Bharat Swiss Footwear Company Private Limited being an Indian Company incorporated under the Companies Act (I of 1956) having its registered office at 41 New Marine Lines, Merchant Chamber, Second Floor, Bombay-1, State of Maharashtra, India "Footwear", July 11, 1968.

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